

Lusi Xie

University of Georgia
Department of Agricultural and Applied Economics
314B Conner Hall, Athens, GA 30602

lusi.xie@uga.edu
+1(302)898-4111
<http://lusixie.rbind.io/>

Research Fields

Environmental valuation, Experimental and behavioral economics, Applied econometrics

Appointments

Assistant Professor	2023 – Present
Department of Agricultural and Applied Economics, University of Georgia	
Postdoctoral Researcher	2021 – 2023
Center for Experimental and Applied Economics (CEAE), University of Delaware Center for Behavioral and Experimental Agri-Environmental Research (CBEAR)	
Research Assistant	2017 – 2020
Department of Resource Economics and Environmental Sociology, University of Alberta	
Survey Researcher	2015
University of California Cooperative Extension	
Research Assistant	2014 – 2015
Department of Agricultural and Resource Economics, University of California, Davis	

Education

Ph.D. in Agricultural and Resource Economics	2021
University of Alberta, Edmonton, Alberta, Canada <i>Dissertation:</i> Three Essays on Behavior, Incentives, Environmental Valuation, and Contributions to Conservation <i>Dissertation Committee:</i> W.L.(Vic) Adamowicz (Chair), Ellen Goddard, Sandeep Mohapatra, Maik Kecinski	
M.S. in Agricultural and Resource Economics	2014
University of California, Davis, Davis, CA, USA	
B.A. in Economics	2013
Sun Yat-sen University, Guangzhou, Guangdong, China	

Peer-Reviewed Publications

- Xie, L., W. Adamowicz, and P. Lloyd-Smith. 2023. "Spatial and Temporal Responses to Incentives: An Application to Wildlife Disease Management" *Journal of Environmental Economics and Management* 117, 102752
- Xie, L., W. Adamowicz. 2023. "Temporal Reliability of Contingent Behavior Trip Data in Kuhn-Tucker Recreation Demand Models" *Land Economics* 99 (2), 182-202
- Messer, K.D., D. Ganguly, and L. Xie. 2023. "Applications of Behavioral Economics to Climate Change Mitigation and Adaptation" Commissioned paper prepared for the Committee on Future Directions for Applying Behavioral Economics to Policy. *National Academies of Sciences, Engineering, and Medicine*
- Savchenko, O.M., L.H. Palm-Forster, L. Xie, R. Rahman, and K.D. Messer. 2023 "Encouraging Pro-environmental Behavior: Do Testimonials by Experts Work?" *PLoS ONE* 18(10): e0291612.
- Palm-Forster, L.H., M. Taylor, S. Banerjee, and L. Xie. 2023 "Factors influencing enrollment of leased cropland in the Conservation Stewardship Program in Kansas" *Land Use Policy* 135: 106956
- Xie, L., W. Adamowicz, M. Kecinski, and J.R. Fooks. 2022. "Using Economic Experiments to Assess the Validity of Stated Preference Contingent Behavior Responses" *Journal of Environmental Economics and Management* 114:102659
- Pattison-Williams, J.K., L. Xie, W. Adamowicz, M. Pybus, and A. Hubbs. 2020. "An Empirical Analysis of Hunter Response to Chronic Wasting Disease in Alberta" *Human Dimensions of Wildlife* 25 (6), 575-589

Working Papers and Research in Progress

- Xie, L., W. Adamowicz, and M. Kecinski. "Incentives for Impure Public Good Contributions and Motivational Crowding: Evidence from Laboratory and Framed Field Experiments" (Under review)
- Xie, L., C. Nelson-Poteet, L.H. Palm-Forster, and K.D. Messer. "Dare to Experiment: The Symbiotic Relationship between Experimental Economics and Undergraduate Research" (Under review)
- Xie, L., K.D. Messer, L.H. Palm-Forster, M. Masters, and H. Michael. "Buying Back Irrigation Water for Endangered Species Protection: Evidence from a Laboratory Experiment and a High-Stakes Field Experiment with Farmers " (Working paper)
- Tong, Q. and L. Xie. "Environmental Co-benefits with Economic Gains: Evidence from Adoption of Climate-smart Agriculture Technology in China" (Working paper)
- Xie, L., L.H. Palm-Forster, C. Nelson-Poteet, M. Hingst, and H. Michael. "Common Pool Resource Use in the Presence of Behavior Heterogeneity and Groundwater Model Dynamics: The Case of Saltwater Intrusion in Delaware" (Research design)

Teaching Experience

Department of Agricultural and Applied Economics, University of Georgia

Instructor

Quantitative Techniques in Agricultural Economics (graduate, 16 students) 2023

Department of Applied Economics and Statistics, University of Delaware

Co-instructor

Experimental Economics (graduate, 7 students) 2022 – 2023

Power Analysis Workshop (graduate, 7 students) 2021

Guest Lecturer

Experimental Economics (graduate, 7 students)	2021 – 2022
Conducting Applied Economics Research (graduate, 7 students)	2021 – 2022

Teaching Assistant

Experimental Economics (graduate, 7 students)	2021
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Department of Resource Economics and Environmental Sociology, University of Alberta

Guest Lecturer

Food Market Analysis (undergraduate, 40 students)	2018
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Teaching Assistant

Economic Valuation of Ecosystem Services (graduate, 10 students, overall rating: 4.8/5)	2019 – 2020
Current Economic Issues for Agriculture and Food (undergraduate, 110 students)	2017
Statistical Analysis (undergraduate, 40 students)	2016

Department of Agricultural and Resource Economics, University of California, Davis

Teaching Assistant

Personal Finance (undergraduate, 130 students)	2013
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Student Mentorship and Advising

- Madison Czerniawski, M.S., University of Delaware (*Committee member*)
- Caroline Johnson, M.S., University of Delaware (*Committee member*)
- Carl Nelson-Poteet, M.S., University of Delaware (*Mentor*)
- Kayla McKinley, Undergraduate Intern, Delaware State University (*Mentor*)

Presentations and Invited Talks

*presented by collaborators

- Southeastern Workshop on Energy & Environmental Economics and Policy, Atlanta, USA; CAER-IFPRI Annual International Conference, Nanjing, China*; Agricultural & Applied Economics Association Annual Meeting, Washington D.C., USA; Association of Environmental and Resource Economists Conference, Portland, USA; Australasian Agricultural and Resource Economics Society Annual Conference; University of Rhode Island; University of Oklahoma; University of Florida; University of Georgia 2023
- University of Manitoba; University of Delaware; University of Minnesota*; Canadian Resource and Environmental Economics Association Annual Conference, Saskatoon, Canada; Project WiCCED Fall Seminar, Webinar; Agricultural & Applied Economics Association Annual Meeting, Anaheim, USA 2022
- European Association of Environmental and Resource Economists Conference, Virtual; CREEA | ACERE 7th Canadian PhD and Early Career Workshop in Environmental and Resource Economics, Virtual; Association of Environmental and Resource Economists Conference, Virtual 2021

University of Alberta; University of Delaware; Woods Hole Oceanographic Institution, Woods Hole, USA 2020

University of Alberta; Canadian Agricultural Economics Society Annual Meeting, Ottawa, Canada; European Association of Environmental and Resource Economists Conference, Manchester, UK; Association of Environmental and Resource Economists Conference, Lake Tahoe, USA; PRION 2019, Edmonton, Canada 2019

Heartland Environmental and Resource Economics Workshop at Illinois, Urbana-Champaign, USA; Agricultural & Applied Economics Association Annual Meeting, Washington D.C., USA; Western Agricultural Economics Association Conference, Anchorage, USA; Land Use 2018, Edmonton, Canada 2018

Honors and Awards

Canadian Agricultural Economics Society Outstanding Ph.D. Thesis Award 2023

University of Alberta 2021 Faculty of Agricultural, Life & Environmental Sciences Graduate Student PhD Thesis Award (CAD 500) 2022

European Association of Environmental and Resource Economists 2021 Annual Conference Participation Grants 2021

University of Alberta Graduate Students Teaching Awards 2020

Alberta Graduate Excellence Scholarship (CAD 12,000) 2020

Smart Prosperity Institute Travel Award (CAD 1,500) 2019

University of Alberta GSA Academic Travel Grant (CAD 500) 2019

J Gordin Kaplan Graduate Student Award (CAD 1,500) 2019

Government Network of the Rural Policy Learning Commons Policy Brief Award (CAD 1,500) 2018

University of Alberta Doctoral Recruitment Scholarship (CAD 30,000) 2015

Professional Activities

Manuscript Referee: Journal of Environmental Economics and Management, Environmental and Resource Economics(x2), Ecological Economics, Journal of Choice Modeling, Environmental Economics and Policy Studies, Journal of Environmental Economics and Policy, Applied Economics Teaching Resources

Abstract Reviewer: AAEA Annual Meeting 2019, 2021

Member of: American Economic Association, Association of Environmental and Resource Economists, European Association of Environmental and Resource Economists, Agricultural and Applied Economics Association, Northeastern Agricultural and Resource Economics Association, Canadian Resource and Environmental Economics Association, Canadian Agricultural Economics Society

Skills

Software: R, Matlab, Stata, ArcGIS, Limdep, Python, L^AT_EX, SPSS, GAMS

Languages: Mandarin (Native), English (Fluent), Spanish (Basic), German (Basic)

Last updated: December 14, 2023